

Work Order ID 72192-1

Wednesday, July 20, 2011 7:47:41 AM

Item ID: D135-092-041

Revision ID:

Item Name: Wearplate

Start Date: 7/19/2011 Start Qty: 3.00

Required Date: 7/26/2011 Req'd Qty: 3.00

Reference:

Approvals:

Process Plan:

QC:

Date: 11-07-20

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

DSI9400

Rev A

100

0.00



DOCUMENT CONTROL

DC

0.00

Memo

Document Control

Photocopy bluefile and create labels per PPP D135-692-041 CHG001

110

0.00



Packaging

Packaging

Memo

Packaging

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

Quality Control



Page 1

Accept

Setup Start

Stop

Cust Item ID:

Customer:

Run Start

Stop

11-07-25 ①

11-07-20 ③

11/7/2011 ⑫

11-07-25 ①

**Work Order ID 72192**

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Wednesday, July 20, 2011 7:47:41 AM

Item ID: D135-692-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Wearplate

Start Date: 7/19/2011 Start Qty: 3.00



Cust Item ID:

Required Date: 7/26/2011 Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D135-692-041

CHG001 ☐ Location: \_\_\_\_\_ ☐ PPP Rev: \_\_\_\_\_

A

11/7/25

A

140

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

11/7/25

11-0725

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

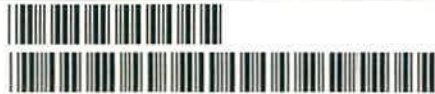
Wednesday, July 20, 2011 7:47:47 AM

Page 1

Work Order ID: 72192

Parent Item: D135-692-041

Parent Item Name: Wearplate



Start Date: 7/19/2011

Required Date: 7/26/2011

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A new issue ECN1089 08-02-04 DD verified by:EC  
IPP Rev:B ECN 1132 08-02-20 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS21042L4 		Purchased	No			110	Each	3,736.000	8	24			
Nut													
				<u>Location</u>				<u>Loc Qty</u>					
				ST300				3736					
				<u>117441</u>				1489		24			
				117601				747					
				117885				1500					
AN4-15A 		Purchased	No			120	Each	343.0000	8	24			
Bolt													
				<u>Location</u>				<u>Loc Qty</u>					
				ST357				200					
				<u>117423</u>				200		3			
				ST358				143					
				117872				43		21			
				<u>118112</u>				100					
AN960JD416 	<u>NAS1149D0463J</u>	Purchased	No			120	Each	0.0000	8	24			
Washer													
D3719-041 		Manufactured	No			120	Each	0.0000	2	6			
Wearplate													

M117591

11/7/2011

2x  
72,193

11/9/2011



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# **DART SERVICE INSTRUCTION**

## **TO AMEND INSTALLATION INSTRUCTIONS IIN-D135-692 REV. A**

REF. FAA STC: SR01042SE

The D135-692-041 Wearplate Kit can be installed on Dart D135-692-011 Bearpaw Installations. The D3719-041 Wearplates should be installed on the D3049-1 Bearpaws as shown in Figure 1 on sheet 2 of this service instruction. The bearpaw should otherwise be installed on the skidtube per installation instructions IIN-D135-692 Rev. A.

### **WEIGHT AND BALANCE**

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D135-692-041	2.24 lb	0.0 in	0.0 in-lb	199.7 in	447 in-lb
Wearplate Kit	1.0 kg	0.0 m	0.0 m-kg	5.07 m	5.1 m-kg

### **PARTS LIST**

QTY	Part Number	Description
X	D135-692-041	Wearplate Kit
2	D3719-041	Wearplate
8	AN4-15A	Bolt
8	AN960JD416	Washer
8	MS21042L4	Nut (or MS21042-4)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 72192

p/11-07-20

A	NEW ISSUE	CP	07.12.12
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>qp</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>qp</i>		
CHECKED	<i>140</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>E</i>	DSI 9400	SHEET 1 OF 2
APPROVED	<i>140</i>	TITLE	SCALE
DE APPR.	<i>#</i>	WEARPLATE KIT	NTS
DATE	07.12.12	<small>COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

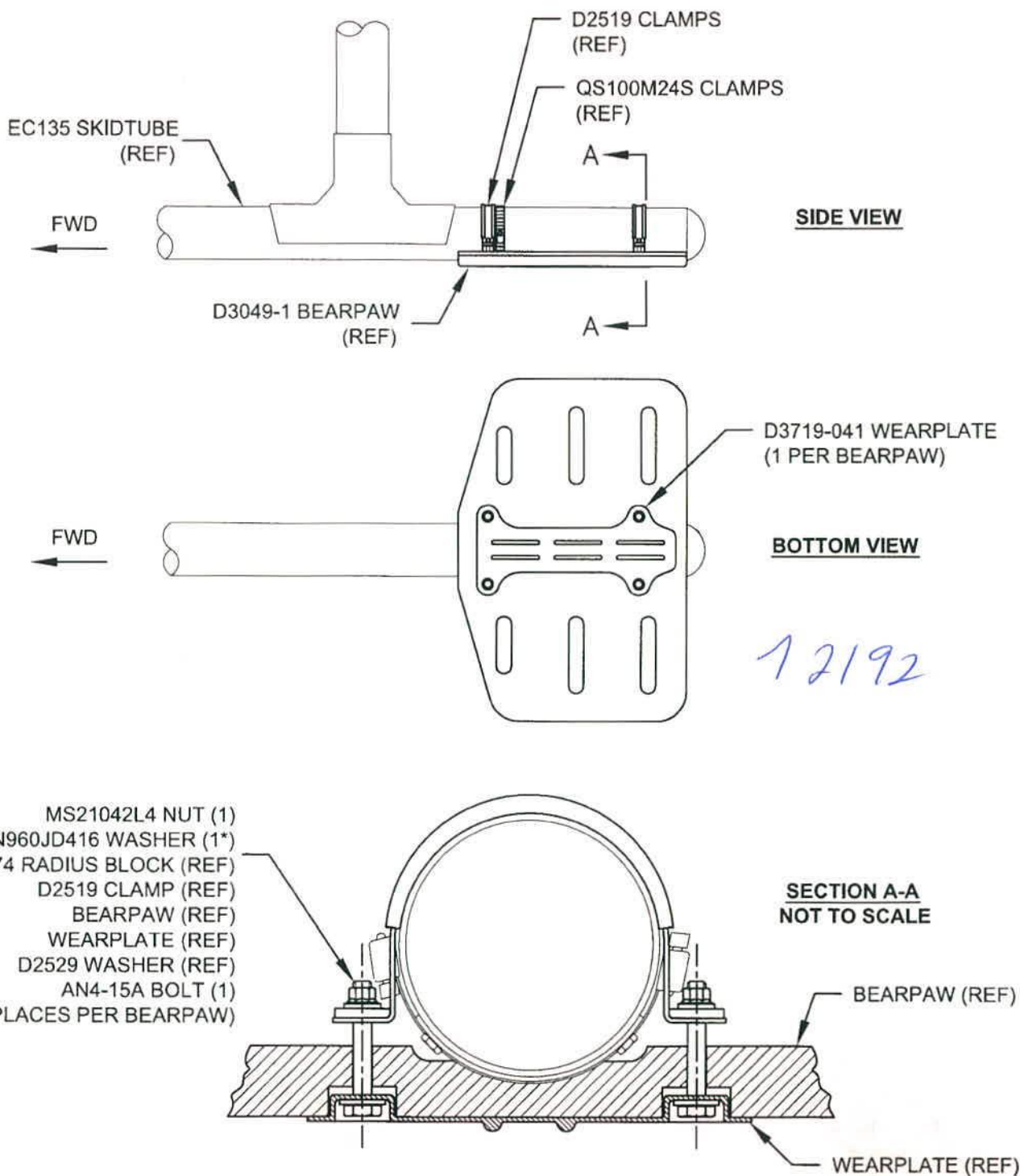
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



**FIGURE 1: D135-692-041 WEARPLATE KIT**



\* ADDITIONAL AN960JD416 WASHERS MAY BE INSTALLED UNDER THE NUTS TO ENSURE 1.5-4 THREADS IN SAFETY ON THE BOLTS. IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-15A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

DESIGN	qp	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	qp		
CHECKED	140	DRAWING NO.	REV. A
MFG. APPR.	EE	DSI 9400	SHEET 2 OF 2
APPROVED	140	TITLE	SCALE
DE APPR.	140	WEARPLATE KIT	NTS
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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